

ABSTRACT OF THE DISCLOSURE

An electronic endoscope selector is used in an electronic endoscope system which shares peripheral devices, such as a TV monitor, VCR etc., among a plurality of electronic endoscopes. The electronic endoscope selector includes switching circuits for switching and selecting video signals and synchronizing signals fed from one of the plurality of electronic endoscopes in the system. The selector also has ON/OFF switches and a timer. The ON/OFF switch controls output of the selected video signals. When the switching circuits switch between the plurality of electronic endoscope and switch video signals and synchronizing signals to that of a newly selected electronic endoscope, the output of video signals are suspended during a predetermined period, by the timer. The synchronizing signals are output simultaneously with the above switching.